

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|---------------------|
| S1 | 127 | (CLTD or (closed-loop adj transmit adj diversity)) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/03 10:14 |
| S2 | 7 | (CLTD or (closed-loop adj transmit adj diversity)) and (feedback or feed-back) and (interference adj (cancel\$5 or detect\$4)) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/01 11:06 |
| S3 | 78 | (transmit\$4 adj diversity) and (feedback or feed-back) and (interference adj (cancel\$5 or detect\$4)) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/01 11:06 |
| S4 | 64 | (transmit\$4 adj diversity) and (feedback or feed-back) and (interference adj (cancel\$5 or detect\$4)) and weight\$3 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/01 11:07 |
| S5 | 48 | (transmit\$4 adj diversity) and (feedback or feed-back) and (interference adj (cancel\$5 or detect\$4)) and weight\$3 and (channel adj estimat\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/01 11:07 |

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| S6 | 113 | (diversity) and (feedback or feed-back) and (interference adj (cancel\$5 or detect\$4)) and weight\$3 and (channel adj estimat\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/01 11:08 |
| S7 | 102 | (diversity) and (feedback or feed-back) and (interference adj (cancel\$5 or detect\$4)) and weight\$3 and (channel adj estimat\$3) and transmitter and receiver | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/11/20 10:41 |
| S9 | 12 | (diversity) with (feedback or feed-back) and (interference adj (cancel\$5 or detect\$4)) and weight\$3 and (channel adj estimat\$3) and transmitter and receiver | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/01 11:08 |
| S10 | 1 | "20030148770" and interference | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/03 10:13 |
| S12 | 0 | (CLTD or (closed-loop adj transmit adj diversity)) and (inverse adj diversity) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/03 10:15 |
| S14 | 1 | (CLTD or (closed-loop adj transmit adj diversity)) and (interference adj detect\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/03 10:16 |

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|-----|-----|---|---|----|-----|---------------------|
| S17 | 583 | equalizer with spread\$3 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/03 11:37 |
| S18 | 175 | equalizer with spreading | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/03 12:55 |
| S19 | 3 | "20030217215" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/04 12:14 |
| S40 | 63 | weight\$3 with (channel adj1 estimat\$3) with (feedback or feed-back) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/04 14:35 |
| S41 | 6 | weight\$3 with (channel adj1 estimat\$3) with (feedback or feed-back) and (interference adj (cancel\$4 or detect\$3 or mitgrat\$3)) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/04 14:36 |
| S42 | 1 | "20040076224" and (coherent adj combin\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/05 13:19 |

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| S43 | 450 | (coherent adj combin\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/05 13:20 |
| S44 | 54 | (coherent adj combin\$3) and equaliz\$4 and despread\$3 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/05 13:21 |
| S45 | 26 | equaliz\$3 with CDMA with despread\$3 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/09 10:59 |
| S46 | 36638977 | 375/144.ccls.and@<"20061214" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/11/20 10:41 |
| S47 | 391 | 375/144.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/11/20 10:46 |
| S48 | 736 | 375/144;455/455.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/11/20 10:46 |

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| S49 | 5774 | 375/144,267;455/455;370/342.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/11/20 10:47 |
| S50 | 1335 | 375/144,267;455/455;370/342.ccls. and (channel adj estimat\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/11/20 10:48 |
| S51 | 113 | 375/144,267;455/455;370/342.ccls. and (channel adj estimat\$5) and (weight\$3 adj vector\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/11/20 10:49 |
| S52 | 37 | 375/144,267;455/455;370/342.ccls. and (channel adj estimat\$5) and (weight\$3 adj vector\$1) and (\$spreading adj code) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/11/20 10:49 |
| S53 | 1 | "20040076224" and compar\$5 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/08 13:38 |
| S54 | 5 | (CLTD or (closed-loop adj transmit adj diversity)) and (weight\$1 adj compar\$5) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/08 13:50 |

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| S55 | 0 | ((closed-loop adj transmit adj diversity)) and (weight\$1 adj compar\$5) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/08 13:51 |
| S56 | 104 | ((closed-loop adj transmit adj diversity)) and (weight\$1) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/08 13:51 |
| S57 | 64 | ((closed-loop adj transmit adj diversity)) and (weight\$1) and interference | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/08 14:18 |
| S58 | 0 | (transmit adj diversity) and compar\$5 near weigth\$1 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/09 08:43 |
| S59 | 2 | (transmit adj diversity) and compar\$5 and weigth\$1 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/09 08:45 |
| S60 | 6 | "7155177" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/09 08:53 |
| S61 | 9 | ("20040198452" "5799047" "6078611" "6115406" "6377812" "6411257" "6492942" "6603801" "6765969").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/07/09 08:54 |

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|-----|-----|---|---|----|-----|---------------------|
| S62 | 2 | "7181176" | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/07/09 09:04 |
| S63 | 11 | ("20030053524" "20030064690" "20030073410" "20030114164" "20030157967" "20040014503" "20040147227" "20040157646" "20040203468" "6728307" "6834043"). PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/07/09 09:06 |
| S64 | 0 | "20030148770" and (antenna adj calculat\$4) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2008/07/09 09:56 |
| S65 | 1 | "20030148770" and (weight\$1 adj calculat \$4) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2008/07/09 09:57 |
| S66 | 217 | (weight\$3 adj vector\$1) and (transmit adj diversity) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/09 09:59 |
| S67 | 0 | (weight\$3 adj vector\$1) and (closes\$1 adj loop adj transmit adj diversity) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/09 09:59 |
| S68 | 28 | (weight\$3 adj vector\$1) near (difference combin\$5 sum\$4 compar\$5) and (transmit adj diversity) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/09 10:00 |
| S72 | 0 | (closed adj loop adj transmit adj diversity) with weights with equalizer with despread\$3 with (channel adj estimat\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/26 15:43 |

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| S73 | 0 | (closed adj loop adj transmit adj diversity) with weights with equalizer with despread\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/26 15:43 |
| S75 | 0 | (interference adj (detect\$3 cancel\$5)) with weights with equalizer with despread\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/26 15:44 |
| S76 | 6 | (interference adj (detect\$3 cancel\$5)) with equalizer with despread\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/26 15:44 |
| S77 | 161 | (interference adj (detect\$3 cancel\$5)) and equalizer and despread\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/26 15:46 |
| S78 | 65 | (interference adj (detect\$3 cancel\$5)) and equalizer and despread\$3 and weights | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/26 15:46 |
| S79 | 26 | (closed adj loop adj transmit adj diversity) and weights and equalizer and despread\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/26 15:47 |

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| S80 | 2 | "6388701".pn. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/26 15:51 |
| S81 | 199 | (CLTD or (closed-loop adj transmit adj diversity)) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/26 15:54 |
| S82 | 3 | (CLTD or (closed-loop adj transmit adj diversity)) with ((interference adj (detect\$3 cancel\$3)) ici isi) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/26 15:55 |
| S83 | 2 | (CLTD or (closed-loop adj transmit adj diversity)) with (interference adj (detect\$3 cancel\$3)) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/26 15:55 |
| S84 | 21 | (eva near puente).xa. | USPAT | OR | OFF | 2009/01/26 16:23 |
| S85 | 119 | (eva near zheng).xa. | USPAT | OR | OFF | 2009/01/26 16:23 |
| S86 | 44 | (eva near zheng).xa. and interference | USPAT | OR | OFF | 2009/01/26 16:23 |
| S87 | 3 | (eva near zheng).xa. and (closed adj loop) | USPAT | OR | OFF | 2009/01/26 16:28 |
| S88 | 1 | (eva near zheng).xa. and (closed adj loop) and weights | USPAT | OR | OFF | 2009/01/26 16:28 |
| S89 | 1 | (eva near zheng).xa. and (closed adj loop) and (channel adj estimat\$3) | USPAT | OR | OFF | 2009/01/26 16:29 |

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| S90 | 5 | mimo with equalizer with despreader | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/27 08:57 |
| S91 | 76 | mimo and equalizer and despreader | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/27 08:58 |
| S92 | 51 | mimo and equalizer and despreader and feedback | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/27 09:05 |
| S93 | 41 | mimo and equalizer and despreader and feedback and weight\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/27 09:05 |
| S94 | 9 | (channel adj estimat\$3) with weights with feedback with (interference equalizer) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/27 09:43 |
| S95 | 0 | cltd with (interference adj (cancel\$5 detect \$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/27 09:45 |

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| S96 | 8502 | (interference adj (cancel\$5 detect\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/27 09:46 |
| S97 | 437 | (interference adj (cancel\$5 detect\$3)) and (closed adj loop) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/27 09:46 |
| S98 | 29 | (interference adj (cancel\$5 detect\$3)) and (closed adj loop adj transmit adj diversity) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/27 09:46 |
| S99 | 293 | (closed adj loop adj transmit adj diversity) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/27 09:49 |
| S104 | 1 | "20030148770" and interference | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/30 14:57 |
| S105 | 23 | (weights) with (closed-loop adj transmit adj diversity) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/30 15:13 |

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| S106 | 49 | (weights) with (feedback with diversity) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/30 15:18 |
| S107 | 0 | (select\$3 adj weights) with (feedback with diversity) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/30 15:25 |
| S110 | 569 | (weights) with diversity | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/30 15:44 |
| S111 | 48 | (weights) with diversity with interference | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/30 15:45 |
| S112 | 33 | chip-level adj equalizer | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/30 15:52 |
| S113 | 3053 | (channel adj estimat\$3) with (received adj signal) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/05/06 13:05 |

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| S114 | 1822 | "375"/.clas. and (channel adj estimat\$3) with (received adj signal) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/05/06 13:06 |
| S115 | 150 | ((EKO) near2 (ONGGOSANUSI)).INV. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/05/06 13:06 |
| S116 | 30 | "375"/.clas. and (channel adj estimat\$3 adj matrix) with (received adj signal) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/05/06 13:19 |
| S117 | 1 | "375"/.clas. and (channel adj estimat\$3 adj matrix) with (pseudo adj inverse) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/05/06 13:25 |
| S118 | 59 | (channel adj estimat\$3 adj matrix) and (conjugate adj transpose) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/05/06 13:27 |
| S128 | 6 | (zero adj forcing) near1 filters | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/05/12 16:26 |
| S129 | 593 | 375/144.cds. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/01/20 10:06 |

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| S130 | 51 | 375/144.ccls. and (closed near loop) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/01/20 10:06 |
| S133 | 40 | (channel adj estimat\$3) with despread\$3 with (weight\$3 coefficient\$1) and (interference adj (cancel\$3 detect\$3 estimat \$3 determin\$5)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/01/20 10:56 |

1/20/11 1:53:27 PM

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